

## CLAIMS

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1. A telecommunications messaging system, comprising:  
 2 a wireless subscriber unit;  
 a base station in communication with said wireless subscriber unit; and  
 4 a mobile switching center for causing said base station to engage in  
 service negotiation with said wireless subscriber unit, said service negotiation  
 6 for determining a service configuration for communication between said base  
 station and said wireless subscriber unit.

2. The system of claim 1 wherein said mobile switching center  
 2 comprises:  
 an MSC message processor for analyzing received messages and for  
 4 determining messages to be generated and transmitted in association with said  
 service negotiation;  
 6 an MSC message generator for generating messages under direction  
 from said message processor, including a first message for causing said base  
 8 station to engage in said service negotiation with said wireless subscriber unit;  
 and  
 10 an MSC transceiver for transmitting and receiving messages associated  
 with said service negotiation including transmitting said first message to said  
 12 base station.

3. The system of claim 2 wherein said base station comprises:  
 2 a BS message processor for analyzing received messages and for  
 determining messages to be generated and transmitted in association with said  
 4 service negotiation;  
 a BS message generator for generating messages under direction from  
 6 said message processor; and  
 a BS transceiver for transmitting and receiving messages associated with  
 8 said service negotiation.

4. The system of claim 3 wherein said wireless subscriber unit  
 2 comprises:  
 a SU message processor for analyzing received messages and for  
 4 determining messages to be generated and transmitted in association with said  
 service negotiation;

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6 a SU message generator for generating messages under direction from  
said message processor; and

8 a SU transceiver for transmitting and receiving messages associated with  
said service negotiation.

5. The system of claim 4 wherein said first message is a Change  
2 Service Command message.

6. The system of claim 4 wherein said MSC message generator  
2 generates said first message in response to said mobile switching center  
determining that a new call is arriving for said wireless subscriber unit when  
4 said wireless subscriber unit is already in an existing call.

7. The system of claim 6 wherein said first message proposes a new  
2 service configuration which accommodates both said existing call and said new  
call.

8. The system of claim 1 wherein said wireless subscriber unit, said  
2 base station, and said mobile switching center communicate using code division  
multiple access (CDMA) modulation techniques.

9. The system of claim 4, further comprising a target base station in  
2 communication with said subscriber unit.

10. In a wireless communication system, a method for establishing a  
2 new call when an existing call is in progress, comprising the steps of:

delivering a first message from a mobile switching center to a base  
4 station for initiating service negotiation;

negotiating a new service configuration by said base station and a  
6 subscriber unit, said new service configuration providing for connection of both  
said new call and said existing call; and

8 connecting said new call and said existing call using said new service  
configuration.

11. The method of claim 10 wherein said step of delivering delivers a  
2 Change Service Command message as said first message.

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12. The method of claim 11 wherein said Change Service Command  
2 message contains a proposed service configuration which would provide for  
the connection of both said new call and said existing call.

13. The method of claim 12 wherein said step of negotiating said new  
2 service configuration negotiates said new service configuration based on said  
proposed service configuration.

14. The method of claim 10 wherein said wireless system is a code  
2 division multiple access (CDMA) system.

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